



Andrei Constantin Ioanovici

WORK EXPERIENCE

MICROBIOM CENTER – TARGU MURES, ROMANIA

GASTROENTEROLOGY MD – 2024 – CURRENT

MCA HEALTHCARE TARGU MURES – TARGU MURES, ROMANIA

GASTROENTEROLOGY MD – 01/05/2023 – CURRENT

UMFST GERORGE EMIL PALADE TARGU MURES – TARGU MURES, ROMANIA

ASSISTANT LECTURER - MEDICAL INFORMATICS & BIOSTATISTICS – 10/12/2021 – 13/02/2025

JOHN SNOW LABS INC. – DELAWARE, UNITED STATES

DATA HEALTHCARE RESEARCHER – 05/2020 – CURRENT

SPITALUL CLINIC JUDEȚEAN MUREȘ – TÎRGU MUREȘ, ROMANIA

GASTROENTEROLOGY MEDICAL RESIDENT – 01/01/2018 – 31/12/2022

EDUCATION AND TRAINING

10/2019 – CURRENT

PHD CANDIDATE Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade” din Târgu Mureș

2017 – 2018 Tîrgu Mureș, Romania

M. SC. ADVANCED MEDICAL-PHARMACEUTICAL RESEARCH Universitatea de Medicină și Farmacie Tîrgu-Mureș

2011 – 2017 Tîrgu-Mureș, Romania

MEDICAL DOCTOR Universitatea de Medicină și Farmacie Tîrgu-Mureș - Facultatea de Medicină

2007 – 2011

HIGH SCHOOL Colegiul Național " A.T. Laurian " Botoșani

2004 – 2007

MIDDLE SCHOOL Colegiul Național " Mihai Eminescu " Botoșani

1999 – 2004

PRIMARY EDUCATION Centrul de Studii "Ștefan cel Mare și Sfânt" Botoșani

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	B1	A2	A2	B1	A2
GERMAN	A2	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● SKILLS

Databases (MySQL, PostgreSQL, Oracle) | Python Language - Basic knowledge | Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access | Advanced User of Microsoft Windows | Linux Basics, Android Basics, QNX Basics | Operating Systems - Windows, MacOS, Android, IOS | NLP Information Extraction | Basics of Data Science, ML, NLP

● HONOURS AND AWARDS

17/09/2021

Edmond Nicolau Award - best medical informatics technological solution RoMedINF 2021 - Digital Technology and Healthcare conference – Romanian Society of Medical Informatics

● IN EXTENSO - PUBLISHED PAPERS

In extenso - published papers

Ioanovici AC, Feier AM, Țilea I, Dobru D. - Computer-Aided Diagnosis in Colorectal Cancer: Current Concepts and Future Prospects - Journal of Interdisciplinary Medicine 2017; Jul 8; Epub ahead of print. ISSN: 2501 – 8132 (online). DOI: 10.1515/jim-2017- 0057.

SLAP lesions - current understanding and future perspectives. Feier, Andrei Marian; Gergely, István; Ioanovici, Andrei-Constantin; Borodi, Paul; Todoran, Radu; et al. Medicina Sportiva : Journal of Romanian Sports Medicine Society; Bucharest Vol. 16, Iss. 1, (2020): 3185-3189.

Ioanovici AC, Feier AM, Gergely I, Roman M, Vig C, Russu OM. Current Concepts Regarding Anterior Cruciate Ligament Reconstruction - Acta Medica Transilvanica - accept publicare vol. nr. 3/2017

Octav Marius Russu, Emilian Ciorcila, Andrei Marian Feier, Radu Fleaca, Sandor Gyorgy Zuh, Andrei Constantin Ioanovici, Istvan Gergely. Early Outcomes in Anterior Cruciate Ligament Reconstruction: Full Tibial tunnel technique compared to all-inside technique. REVISTA DE CHIMIE. 69 (12), 3753-3755

AM Feier, AC Ioanovici, RC Ionescu, T Toth, OM Russu. Biofilm Inhibition: Compounds with Antibacterial Effects. Journal of Interdisciplinary Medicine 3 (4), 234-238

ISTVÁN GERGELY, MIHAI ROMAN, ANDREI FEIER, RADU FLEACĂ, SANDOR-GYORGY ZUH, ANDREI-CONSTANTIN IOANOVICI, CRISTIAN TRĂMBIȚAȘ, TUDOR SORIN POP, OCTAV RUSSU. Osteoarthritis of the hip due to congenital hip disease–theoretical framework. Acta Medica Transilvanica 23 (3), p61-63

● ABSTRACT PAPERS

Abstract papers

Sharma V, Fernandez A, Ioanovici A, Talby D, and Buijs F. 2024. Lexicans at Chemotimelines 2024: Chemotimeline Chronicles - Leveraging Large Language Models (LLMs) for Temporal Relations Extraction in Oncological Electronic Health Records. In Proceedings of the 6th Clinical Natural Language Processing Workshop, pages 394–405, Mexico City, Mexico. Association for Computational Linguistics.

Ioanovici, A. C., Mărușteri, Ș. M., Feier, A. M., & Trambitas-Miron, A. D. (2021). Spark NLP: A Versatile Solution for Structuring Data from Endoscopy Reports. *Applied Medical Informatics*, 43, 26-26.

Miron, A. D. T., Feier, A. M., Mărușteri, M., & Ioanovici, A. (2021). Digitization of Health Records using Spark OCR. *Applied Medical Informatics*, 43, 30-30.

Ioanovici AC, Cherecheș SA, Mărușteri SM. Artificial intelligence applied to digestive endoscopy. *Applied Medical Informatics*. Vol. 41, Suppl. 1 /2019, p. 19

Ioanovici AC , Jimbu IL , Rednik AM , Ungur A , Coroş M , Pascarenco G. SURVIVAL IN COLORECTAL CANCER CONSIDERING VASCULAR, NEURAL AND LYMPH NODE INVASION – A 9 YEAR RETROSPECTIVE STUDY Acta Medica Marisiensis - Carte Abstracte 2017 pag 55.

Rednik AM, Branea OE, Ioanovici AC, Ilie AM, Russu O. Life quality after total hip replacement: a short comparison between cemented and uncemented prosthesis. Acta Medica Marisiensis - Carte Abstracte 2015, pag 62

Ungur A , Ioanovici AC , Pescaru P , Dobru D , Onişor D. EDS-NBI BIOPSY REQUIREMENT IN DIAGNOSIS OF INTESTINAL METAPLASIA Acta Medica Marisiensis - Carte Abstracte 2017 pag 31.

Jimbu IL, Molnos SR, Luca MM, Ioanovici AC. Evolution and survival in patients diagnosed with non-Hodgkin's lymphoma and treated with anti CD20 monoclonal antibodies. Carte abstracte Asklepios Sibiu 2017, pag 70.

● **PROJECT COORDINATOR**

Project coordinator

"Advanced Cardiovascular Surgical Skills" Workshop, 1st Ed, Tg. Mureş, 14-16 Nov 2014
Scientific session "Surgical Pathology of the Abdominal Wall" 12 Nov 2015

● **VOLUNTEER**

Volunteer

The International Congress for Medical Students and Young Doctors "Marisiensis", 19th edition , Târgu Mureş, 22-26 Apr 2015

● **ORGANIZATOR/INSTRUCTOR**

Organiser/Instructor

Workshop "Knots and Sutures", 4th English Edition, Tg-Mureş, 14-15 Nov 2015
Workshop "Knots and Sutures", 25th Edition, Tg-Mureş, 17-18 Oct 2015
Workshop "Knots and Sutures", 3rd English Edition, Tg-Mureş, 10-11 Oct 2015
Workshop "Knots and Sutures", 23rd Edition, Tg-Mureş, 3-5 Oct 2015
Workshop "Knots and Sutures", 25th Edition, Tg-Mureş, 17-18 Oct 2015
Workshop "Knots and Sutures", 2nd English Edition, Tg-Mureş, 17-18 Apr 2015
Workshop "Advanced Surgical Techniques", 1st Edition, Tg. Mureş, 8-10 May 2015
Workshop "Basic Surgical Skills" 9th Edition, Tg. Mureş, 27-29 Martie 2015
Workshop "Knots and Sutures", 21st Edition, Tg-Mureş, 13-14 Martie 2015
Workshop "Knots and Sutures", 19th Edition, Tg-Mureş, 21-22 Februarie 2015
Workshop "Basic Surgical Skills" 8th Edition, Tg. Mureş, 31 Octombrie - 9 Noiembrie 2014
Workshop "Knots and Sutures", 17th Edition, Tg-Mureş, 25-26 Octombrie 2014
Workshop "Knots and Sutures", 14th Edition, Tg-Mureş, 17-18 Mai 2014

● **TRAINING AND SCHOLARSHIPS**

Training and Scholarships

Erasmus Placement Scholarship - Klinikum Rechts der Isar - Neurosurgery Dept - Munchen, Germany, 2016 (8 weeks)
TRANSMED Student exchange program – Universitatea de Medicină şi Farmacie Gr. T. Popa - Iaşi, 2016 (1 week)

● **ACTIVE PARTICIPANT**

Active participant

RoMedInf 2021 - 16-17 Sept 2021, Cluj Napoca, Romania - ONLINE
G-DAY II: Advancing knowledge on HIV and HCV in Central and Eastern Europe. 22–23 Nov 2019, Amsterdam, The Netherlands
RoMedInf 2019 - Healthcare's Digital Era. 19-20 Sept 2019, Cluj Napoca, Romania
The 2nd International Congress - Bucharest Live Endoscopy 2019, Bucureşti, 9-11 may 2019
Nutri-Gastro Course, Bucureşti, 9 may 2019
Hacking Health Romania 2nd ed, Bucureşti, 3-4 nov 2019
The International Congress for Medical Students and Young Doctors "Marisiensis", 21th edition , Tîrgu Mureş, 29 Mar-2 Apr 2017

"Laparoscopic Simulation" Workshop - TransMed, Iași - 20-25 Mar 2016
"NeuroPlus" Workshop, ed. I, Tg-Mureș, 5-6 Apr 2014
Workshop "Basic Surgical Skills", 7th edition, Tîrgu-Mureș, Mar 2014
"Basic Plastic and Reconstructive Surgery Procedures", 1st edition, Tîrgu Mureș, 28-30 Mar 2014

● **PASSIVE PARTICIPANT**

Passive participant

·National Congress of Gastroenterology, Hepatology, and Digestive Endoscopy, 39th edition, Bucharest, June 6-8, 2019
·International Conference: Molecular Biology - Current Aspects and Prospects, Cluj Napoca, November 6-8, 2015
·The International Congress for Medical Students and Young Doctors "Marisiensis", 19th edition, Târgu Mureș, April 22-26, 2015
·The International Congress for Medical Students and Young Doctors "Marisiensis", 18th edition, Târgu Mureș, May 7-11, 2014

● **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Team spirit and communication/teaching skills - skills developed during participation in various surgical workshops in Romanian and English within the Student Society of Surgery in Romania - Tg. Mureș branch, both as an instructor and as an active participant.

● **ORGANISATIONAL SKILLS**

Organisational skills

·Head of the English Department at the Student Society of Surgery in Romania - Târgu Mureș branch - 2015
·Good organizational skills acquired from coordinating numerous surgical workshops for students within the Student Society of Surgery in Romania - Târgu Mureș branch.